



PTO/SB/21 (09-04)

**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

6

Application Number

10/670,997

Filing Date

September 24, 2003

First Named Inventor

Sebastian J. Maerkl

Art Unit

3753

Examiner Name

Stephen M. Hepperle

Attorney Docket Number

20174C-009410US

ENCLOSURES (Check all that apply)

Fee Transmittal Form



Fee Attached



Amendment/Reply



After Final



Affidavits/declaration(s)



Extension of Time Request



Express Abandonment Request



Information Disclosure Statement



Drawing(s)



Licensing-related Papers



Petition

Petition to Convert to a
Provisional ApplicationPower of Attorney, Revocation
Change of Correspondence Address

Terminal Disclaimer



Request for Refund



CD, Number of CD(s) _____



Landscape Table on CD



After Allowance Communication to TC

Appeal Communication to Board
of Appeals and InterferencesAppeal Communication to TC
(Appeal Notice, Brief, Reply Brief)

Proprietary Information



Status Letter

Other Enclosure(s) (please identify
below):

Return Postcard

Certified Copy of Priority
Document(s)Reply to Missing Parts/ Incomplete
ApplicationReply to Missing Parts
under 37 CFR 1.52 or 1.53

Remarks

The Commissioner is authorized to charge any additional fees to Deposit
Account 20-1430.**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name

Townsend and Townsend and Crew LLP

Signature

Printed name

Patrick M. Boucher

Date

September 16, 2005

Reg. No.

44,037

CERTIFICATE OF TRANSMISSION/MAILING

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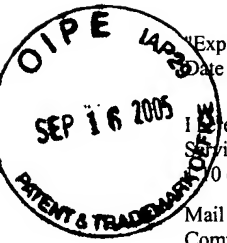
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Janet L. Newmaker

PATENT

Attorney Docket No.: 20174C-009410US
Client Ref. Nos.: CIT 3764 and C185.210.US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Sebastian J. Maerkl et al.

Application No.: 10/670,997

Filed: September 24, 2003

For: Microfluidic Large Scale
Integration

Customer No.: 20350

Confirmation No.: 4522

Examiner: Stephen M. Hepperle

Art Unit: 3753

AMENDMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed August 16, 2005, please enter the following amendments and remarks.

Amendments to the Claims are reflected in the listing of claims that begins on page 2 of this paper.

Remarks begin on page 5 of this paper.